

Data Science and Data Gathering

Sr	Questions	Answers Choice
1	What does the volume characteristic of big data refer to.	A. The speed at which data is generated B. The different forms data can take C. The sheer amount of data being collected D. The way data is processed
2	What is the example of continuous data?	A. Number of cars in a parking lot B. Height of students in centimetres C. types of fruits D. Shirt sizes
3	What is the primary purpose of data visualization in data science?	A. Data Collection B. Data modeling C. Extracting insights D. Data exploration
4	What is the main purpose of data collection ?	A. to delete old data B. To format text documents C. To gather information to answer questions or make decisions D. to create random numbers
5	----- is a method of collecting information from individuals.	A. Data Finding B. Data hiding C. Survey D. Data visualization
6	-----include the data which can only take certain values and cannot be further subdivided into smaller units.	A. Ordinal Data B. Referral data C. Statistical data D. Referral data
7	Which tool is specifically designed for creating detailed and interactive visualizations?	A. Tableau B. Power point C. Google Sheets D. Microsoft Excel
8	Which of the following is an example of interval scaled attribute.	A. Age B. Weight C. Temperature in Celsius D. Height
9	What type of data involves distinct, separate values that are countable?	A. Nominal data B. Discrete Data C. Continuous data D. Ordinal Data
10	----- is limitation of big data.	A. Statistical data B. Unlimited growth of data C. Data visualization D. Predictive maintenance
11	Which programming language is commonly used for big data analytics and machine learning tasks.	A. Java B. C++ C. Python D. Ruby
12	Which of the following key concepts involves transforming raw data into a structured format that is suitable for analysis.	A. Data ethics B. Data modeling C. Data exploration D. Data collection
13	What is the primary purpose of data visualization.	A. To hide complex data B. To make data easier to understand by turning it into pictures C. To generate random numbers D. To convert text into data
14	Which statistical measure provides a measure of the central tendency of a dataset.	A. Mean B. Median C. Variance D. Standard deviation

15	Which industry heavily relies on IoT for supply chain optimization and resource allocation?	A. Healthcare B. Finance C. Transportation D. Retail
16	What does data encryption do?	A. It automatically deletes old data B. It speeds up internet connection C. It converts data into a code to prevent unauthorized access D. It makes data available to everyone online
17	Which is one of the key applications of big data in business?	A. Artistic creativity B. Weather forecasting C. Customer behavior analysis D. Social media management
18	Which type of data attribute represents categories with a specific order but inconsistent intervals between them?	A. Nominal B. Binary C. Ordinal D. Interval
19	Which of the following is an example of qualitative data?	A. Temperature readings in degrees Celsius B. Number of students in a class C. Favorite ice cream flavours D. Test scores out of 100
20	What is the primary challenge associated with traditional data processing techniques when dealing with big data?	A. Lack of storage capacity B. Limited availability of data visualization tools C. Inability to handle diverse data types and large volumes D. Slow processing speed